

CLAIMS

What is claimed is new and desired to be protected by letters patent is set forth in the appended claims:

1. A man-made island resort complex with entertainment, educational and lodging facilities comprising:

- a) a buoyant base support structure capable of floating on a body of water;
- b) means for anchoring said base support structure to the sea floor so as to remain in a specific, preselected location regardless of currents, tides, wind and other such destabilizing factors;
- c) surface and underwater facilities affiliated with said base support structure; and
- d) a plurality of means for transporting people and cargo thereto.

2. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein said base support structure is fabricated of an aero-gel material.

3. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein a plurality of base support structures form a main island and linked satellite islands.

4. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein said main island is anchored to the sea bed by retractable anchor pedestals that expand and retract with the sea water tides

5. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein said surface and underwater facilities include lodging for guests and staff.

6. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 5, wherein a plurality of said guest lodging facilities are provided both on the surface and underwater.

7. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 6, wherein said surface based guest

lodging facilities include a plurality of dolphin-shaped hotels.

8. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 7, wherein each said dolphin shaped hotel comprises:

- a) a lobby;
- b) a plurality of guest rooms;
- c) a penthouse with a retractable ceiling;
- d) a water tube leading from the hotel base to the penthouse
passing through the elevator with ocean water flowing
therethrough;
- e) a sub water pump to transfer ocean water to the penthouse; and
- f) external royal blue lights emanating from the dolphins eyes.

9. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 6, wherein said surface based guest lodging facilities further include a plurality of cave-shaped bungalows located on a boardwalk over the water with said bungalows comprising:

- a) an external dome-like structure resembling natural stone;
- b) an interior waterfall and basin for bathing and aesthetic purposes;
- c) hot and cold water control switches with flow switch;
- d) means for changing the water introduced into the basin from the waterfall from salt water to fresh water as needed; and
- e) a toilet area with hot water.

10. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 6, wherein said underwater guest lodging facilities include a plurality of independent underwater rooms comprising:

- a) an exterior portion manufactured of bulletproof glass with each room shaped like a different form of exotic sea life;
- b) fresh air and ventilation ducts;
- c) a room access port;
- d) a door to the room;
- e) a door to the tube;
- f) a surface-based lobby;

- g) an enclosed escalator tube for transporting people and gear from the lobby to said underwater room;
- h) emergency air tanks; and
- i) fire extinguishers.

11. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 10, wherein said escalator tube includes an escalator that collapses to a flat ramp in the event of a power outage.

12. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 6, wherein said guest lodging facilities further includes a plurality of tri-level units shaped like golf balls on tees which are partially submerged in the ocean waters comprising:

- a) a spherical habitat manufactured of transparent bulletproof glass;
- b) a first floor living area;
- c) a second floor children's bedroom;
- d) a third floor swimming pool;
- e) a master bedroom;

- f) water slides to the ocean from said third floor;
- g) a closed waterfall feeding the third floor pool with ocean water;
- h) a transparent water feed cylinder extending centrally from the ocean water at the bottom of the structure to said closed waterfall on said third floor to supply water thereto;
- i) a light source projecting upward through said water feed cylinder to illuminate the cylinder and the water passing therethrough;
- j) a luminescence control switch for said light source;
- k) a wet bar on said third floor;
- l) a children's bar located on said second floor; and
- m) a hydraulic retractable ceiling.

13. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein all said facilities are designed and constructed to be handicap and pet accessible and user-friendly.

14. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein said transportation means

includes:

- a) an airport for small planes on its own island which is supported by a concrete stanchion communicating with the sea floor;
- b) a marina island for ships; and
- c) a monorail system to transport people and cargo between the mainland and the main island.

15. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 14, wherein said airport is on a satellite island comprising:

- a) one or more runways;
- b) at least one helicopter helipad;
- c) an air traffic control tower;
- d) an airport security, fire and rescue headquarters;
- e) an emergency medical services facility;
- f) an emergency vehicle hangar;
- g) an airport marina;
- h) a nautical plans facility adjacent said air traffic control tower;
- i) a visitor comfort station adjacent said air traffic control tower;

- j) a flight office adjacent said air traffic control tower; and
- k) landing lights.

16. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 14, wherein said marina island comprises:

- a) a plurality of support and service facilities;
- b) a plurality of small boat portages;
- c) a plurality of large boat slips; and
- d) a plurality of ocean liner slips.

17. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 14, wherein said monorail system comprises:

- a) at least one hermetically sealed monorail transport communicating between the mainland and said main island;
- b) concrete stanchions to support said monorail transport;
- c) a monorail track extending the length of each said monorail transport;

- d) at least one monorail train; and
- e) a passenger transport center at the end of the monorail transport on the main island.

18. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 17, wherein said monorail train includes:

- a) a passenger compartment;
- b) a drivers compartment that is inaccessible from said passenger compartment; and
- c) windows with bulletproof glass in said drivers compartment and said passenger compartment.

19. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, further including a vital services infrastructure comprising::

- a) a desalination plant on said main island to convert sea water to fresh water for use in all facilities;
- b) a security force;

- c) medical facilities and personnel;
- d) a communications network throughout all facilities including
voice-activated telephone kiosks resembling palm trees having a
surround sound speaker system within the faux coconuts;
- e) a turbo-generator power facility to provide the bulk of needed
electricity to the complex;
- f) solar panels having means for harvesting, storing and
distributing solar energy;
- g) a church in the shape of the Earth being held by Jesus wearing a
blue robe with gold trim, the doors thereof being a metallic gold;
- h) a chemical waste disposal plant;
- i) a water pumping station;
- j) laundry facilities;
- k) workers quarters;
- l) a welcome building and information center for guests;
- m) 24 hour emergency facility for guests;
- n) 24 hour emergency veterinary hospital; and
- o) novelty shops.

20. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 19, wherein said turbo-generator power facility comprises:

- a) at least one sea water intake line;
- b) at least one turbo-generator;
- c) a water outtake line; and
- d) a power distribution line.

21. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 19, wherein said chemical waste and disposal plant comprises:

- a) a chemical waste treatment facility;
- b) a power source from said turbo-generated power plant;
- c) a treated waste outlet to disposal tank; and
- d) a waste inlet from facilities.

22. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 19, wherein said desalinization plant comprises:

- a) a purification system;
- b) a sea water intake conduit to said purification system;
- c) an outtake conduit from said purification system to the sea;
- d) electricity from turbo-generated power plant;
- d) hot and cold fresh water distribution means; and
- e) a flow switch.

23. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 1, wherein said entertainment and educational facilities include, but are not limited to:

- a) an 18-hole golf course;
- b) boat rentals for all kinds of water activities;
- c) an aquarium including:
 - i) a whale open ocean habitat wherein certain habitat parameters are variable to trigger certain biological functions to mimic their natural habitat by providing water temperature variation to mimic migration scenario;
 - ii) a shark open ocean habitat wherein certain habitat parameters are variable to trigger certain biological functions

- to mimic their natural habitat by providing water temperature variation to mimic migration scenario; and
- iii) a dolphin open ocean habitat wherein certain habitat parameters are variable to trigger certain biological functions to mimic their natural habitat by providing water temperature variation to mimic migration scenario;
- d) a floating nightclub;
- e) a planetarium;
- f) a theater;
- g) an underwater spa;
- h) a gym;
- i) volleyball courts;
- j) basketball courts;
- k) racquetball courts;
- l) an underwater ice skating and hockey ring;
- m) at least one swimming pool;
- n) a wave pool;
- o) an exotic bird sanctuary;

p) a 100 foot high activity mountain providing means for participating in a plurality of activities including, but not limited to:

- i) a skateboard and BMX bike concrete wave rider;
- ii) a restaurant;
- iii) skydiving;
- iv) bungee jumping;
- v) rock tables for sitting;
- vi) a bobsled run from the mountain into the ocean at an 85 degree incline;
- vii) a waterfall;
- viii) hot air balloon rides;
- ix) an air cannon ride for shooting participants through the air into the ocean at a pre-selected angle;
- x) a giant slingshot ride having an elastomeric sling and collapsible seat for hurling participants through the air into the ocean;
- xi) an artificial reef for surfing;
- xii) parasailing;

- xiii) an arched bridge;
 - xiv) an elevator;
 - xv) a transparent pipe in said elevator
 - xvi) an arched bridge extending from said mountain to said bobsled run;
 - xvii) white lights to illuminate said arched bridge at night;
 - xviii) red lights to illuminate said mountain at night;
 - xix) royal blue lights to illuminate said bobsled run at night;
 - xx) means for delivering ocean water to said waterfall and said bobsled run; and
 - xxi) means for delivering desalinated water for human and pet consumption;
- q) a simulated rain forest complete with real animals and mist and a computerized bulldozer that knocks down some simulated trees which return to their original position when the bulldozer leaves;
- r) an interactive wolf habitat in which participants can observe the natural behavior of wolves in a plurality of environments;

- s) a plurality of dining facilities;
- t) a plurality of shopping facilities; and
- u) an underwater water arcade shaped like a stingray.

24. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said golf course is located on its own satellite island comprising:

- a) an arched access foot bridge from the main island including two dolphin waterfalls that cascade thereover;
- b) a structure in the shape of a golf ball on a golf tee with restaurants in the portion resembling the ball, a clubhouse overlooking the golf course in the portion resembling the tee, and underwater pro shops at the base of the tee;
- c) at least one ocean water trap with underwater ball trap comprised of hard plastic with an arcuate bowl like portion having a peripheral lip with the entire unit having fine holes extending therethrough; and
- d) an ocean water trap comprising a net that extends upward in a substantially vertical manner around the periphery of the island

to prevent errant golf balls from landing in the ocean.

25. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 24, wherein said holes in the peripheral lip of said ocean water trap with underwater ball trap are irrigation holes having sea grass growing therethrough to maintain the position of said ocean water trap with underwater ball trap and the holes in the bowl portion thereof allow ocean water to pass therethrough to fill the water trap while retaining any golf balls therein to prevent them from entering the ocean. The irrigation holes with the underwater ball trap also serve as a self ventilation to keep it clean.

26. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said floating nightclub is located on its own satellite island that is supported by concrete stanchions and accessed from the main island by an arched footbridge.

27. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said floating nightclub comprises:

- a) a security check at the entrance;
- b) one or more interior waterfalls fed by ocean water and illuminated by royal blue lights;
- c) a see-through, hunter green stage;
- d) a see-through dance floor illuminated by red lights;
- e) a plurality of see-through tables with chairs;
- f) at least one bar area; and
- g) a net surrounding said island of said floating night club that is above water to prevent fish from getting trapped therein.

28. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said arcade is in the shape of a stingray and comprises:

- a) a plurality of games; and
- b) a restaurant in the shape of an octopus.

29. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said compressed air cannon comprises:

- a) a cannon;
- b) a compressed air chamber within said cannon;
- c) an air compressor;
- d) a plastic tube communicating between said air compressor and said compressed air chamber;
- e) a pressure valve in line between said air compressor and said compressed air chamber;
- f) a generator to power said air compressor; and
- g) means for selectively positioning said cannon through a range of horizontal and vertical planes.

30. A man-made island resort complex with entertainment, educational and lodging facilities as recited in claim 23, wherein said entertainment and educational facilities further include:

- a) an underwater paint ball war game;
- b) an underwater whale maze;
- c) an underwater medieval gauntlet;
- d) underwater water volleyball;
- e) underwater laser dodge;

- f) underwater virtual reality games;
- g) an underwater bowling alley;
- h) racquetball courts;
- i) an underwater spa with all the amenities;
- j) an above water gym with a see-through Jacuzzi;
- k) an underwater convention center with conference rooms; and
- l) see-through walkways whenever applicable.